



Department of
Environmental
Conservation

FACT SHEET

Brownfield Cleanup Program

1101 Prospect Avenue

1101 Prospect Ave.

Westbury, NY 11590

November 2018

SITE No. C130178

NYSDEC REGION 1

Where to Find Information:

Project documents are available at the following location(s) to help the public stay informed.

Westbury Memorial Public Library

445 Jefferson Street

Westbury, NY 11590

(516) 330-0176

Who to Contact:

Comments and questions are always welcome and should be directed as follows:

Project-Related Questions

Robert DeCandia, Project Manager

NYSDEC

625 Broadway

Albany, NY

(518) 402-91693

rob.decandia@dec.ny.gov

Project-Related Health Questions

Jacquelyn Nealon

New York State Department of Health

Empire State Plaza

Corning Tower, Room 1787 Albany,

NY 12237

beeji@health.ny.gov

**For more information about New York's
Brownfield Cleanup Program, visit:**

www.dec.ny.gov/chemical/8450.html

Remedy Proposed for Brownfield Site Contamination; Public Comment Period Extended

The public is invited to comment on the remedial investigation report and a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to the 1101 Prospect Avenue site ("site") located at 1101 Prospect Avenue, Westbury, Nassau County. Please see the map for the site location. Documents related to the investigation and cleanup of this site can be found at the location(s) identified to the left under "Where to Find Information."

Based on the findings of the investigation, NYSDEC in consultation with the New York State Department of Health (NYSDOH) has determined that the site does not pose a significant threat to public health or the environment. This decision is based on the nature of the existing contaminants identified at the site, and the potential for human exposure to site-related contaminants via soil vapors.

How to Comment: NYSDEC is accepting written comments about the proposed plan until **December 31, 2018**. The proposed plan is available for public review at the location(s) identified at left under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area at left.

Draft Remedial Work Plan: The proposed Industrial Use remedy consists of:

- Installation of an on-site Sub-Slab Depressurization System (SSDS);
- Maintenance of existing site cover (building, pavement and landscaped areas);
- Recording of an Environmental Easement to restrict the site to Industrial use and to prohibit the use of on-site groundwater; and Preparation of a Site Management Plan (SMP) would also be required for long term maintenance of the SSDS, site monitoring/sampling and any future excavation.

The proposed remedy was developed by Oerlikon Metco (U.S.) Inc., ("applicant") after performing a detailed investigation of the site under New York's Brownfield Cleanup Program (BCP). A "Remedial Investigation Report", which describes the results of the site investigation was submitted concurrently with the Remedial Action Work Plan and is also available for review at the locations identified on this page.

Next Steps: NYSDEC will consider public comments, revise the cleanup plan as necessary, and issue a final Decision Document. NYSDOH must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The applicant(s) may then design and perform the cleanup action to address the site contamination, with oversight by NYSDEC and NYSDOH.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Site Description: Location: The 1101 Prospect Avenue site is located in a suburban area. The site lies just east of the Wantagh Parkway.

Site Features: The main site feature is a large building which is surrounded by parking and roadways on three sides. Industrial processing equipment and material storage occupy the north side.

Current Zoning/Use: The site is currently active and is zoned industrial. The Board of Cooperative Education Services (BOCES) Career and Technical Education Center lies to the north and east of the site. Other surrounding parcels are generally industrial or commercial use. The nearest residential property is approximately 450 feet west of the site.

Past Use of the Site: Historically, site operations involved the manufacture of metallic and ceramic powders for use in the thermal spray coating industry, as well as manufacture of thermal spray guns and parts. Site operations have also included wedging (compression and stretching of wire that has been filled with metal powder), blending of metallic or ceramic powder with a lacquer and glue. During operations, Sulzer Metco, Inc., has used industrial solvents as degreasers in its processes. Based on the review of Nassau County Department of Health (NCDOH) and State Pollution Discharge Elimination (SPDES) files, it appears that the primary solvents were tetrachloroethene (PCE), trichloroethene (TCE), 1,1 dichloroethane (1,1-DCA), and trichloroethane (TCA). Solvents were used on site between 1955 and 1978. It appears that spent solvents were disposed into floor drains to on-site subsurface discharge points. Underground Injection Control cleanup work was conducted during the 1990s with NCDOH oversight.

Site Geology and Hydrogeology: Groundwater is located 56 feet below grade and flows in a south-southwest direction. The area soils consist mainly of sands with varying layers consisting of silt, sands and gravel.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the

Site ID, C130178) at:

<http://www.dec.ny.gov/cfm/external/derexternal/index.cfm?pageid=3>

Summary of the Investigation: The contaminants of concern primarily include Chlorinated Volatile Organic Compounds (CVOCs) from the former use of industrial solvents and degreasers. PCE and its breakdown products, TCE and cis-1,2-DCE, were not encountered in on-site groundwater or on-site soils during investigations conducted by AECOM on behalf of the NYSDEC and Haley & Aldrich on behalf of Oerlikon Metco.

Site investigations identified CVOCs in sub-slab vapor samples at concentrations greater than the (1,000 micrograms per cubic meter [ug/m3]) level at which the NYSDOH Vapor Intrusion Guidance would recommend mitigation. The Installation of an on-site Sub-Slab Depressurization System (SSDS) to mitigate sub-slab vapor is included as part of the proposed remedy.

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses. A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit:

<http://www.dec.ny.gov/chemical/8450.html>

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:

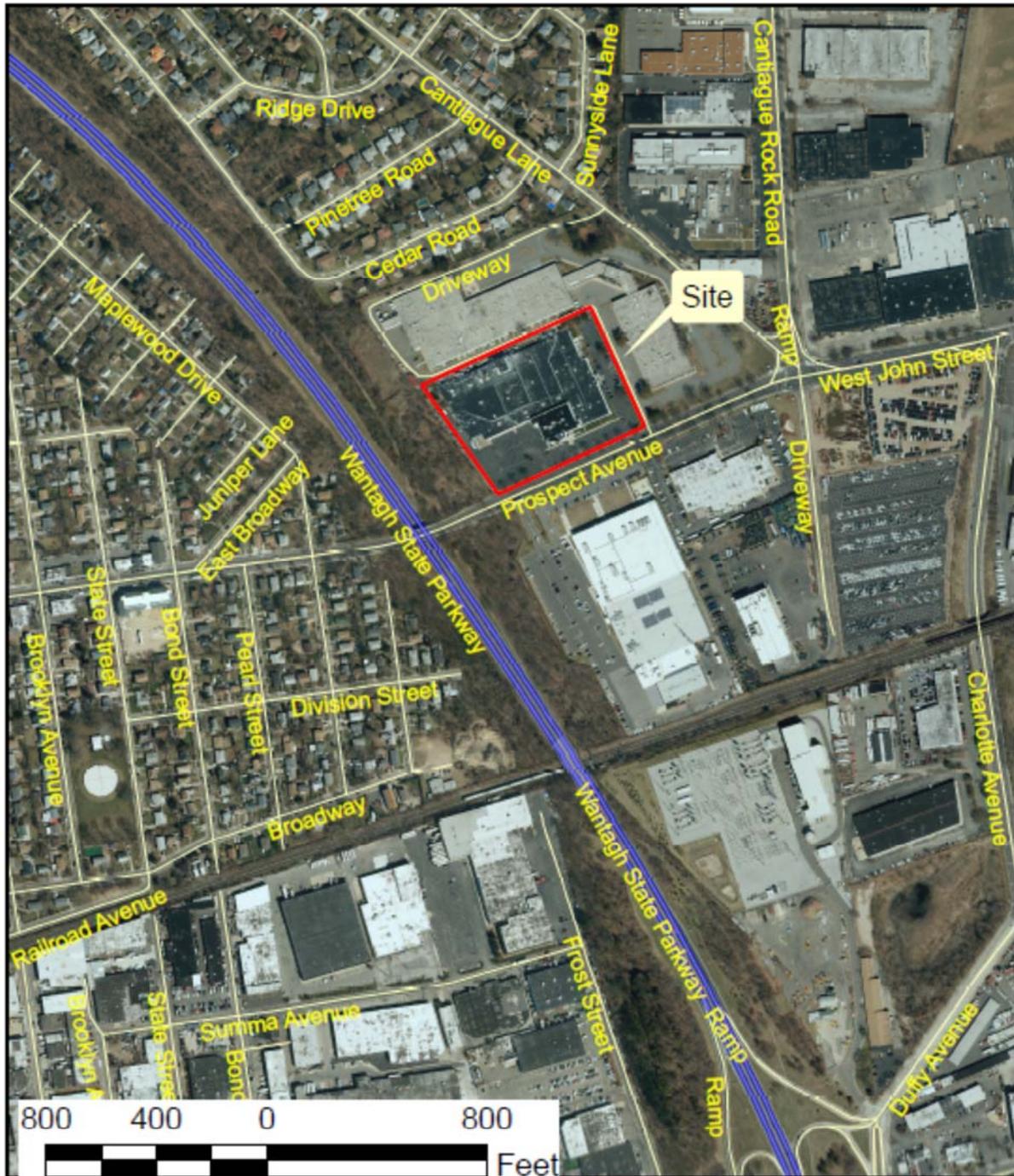
www.dec.ny.gov/chemical/61092.html

It's quick, it's free, and it will help keep you better informed. As a listserv member, you will periodically receive site-related information/ announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.

BROWNFIELD CLEANUP PROGRAM

Site Location Map



Department of Environmental Conservation

Figure 1
Site Location Map
1101 Prospect Avenue
Site No. C130178
1101 Prospect Ave.
Westbury, NY